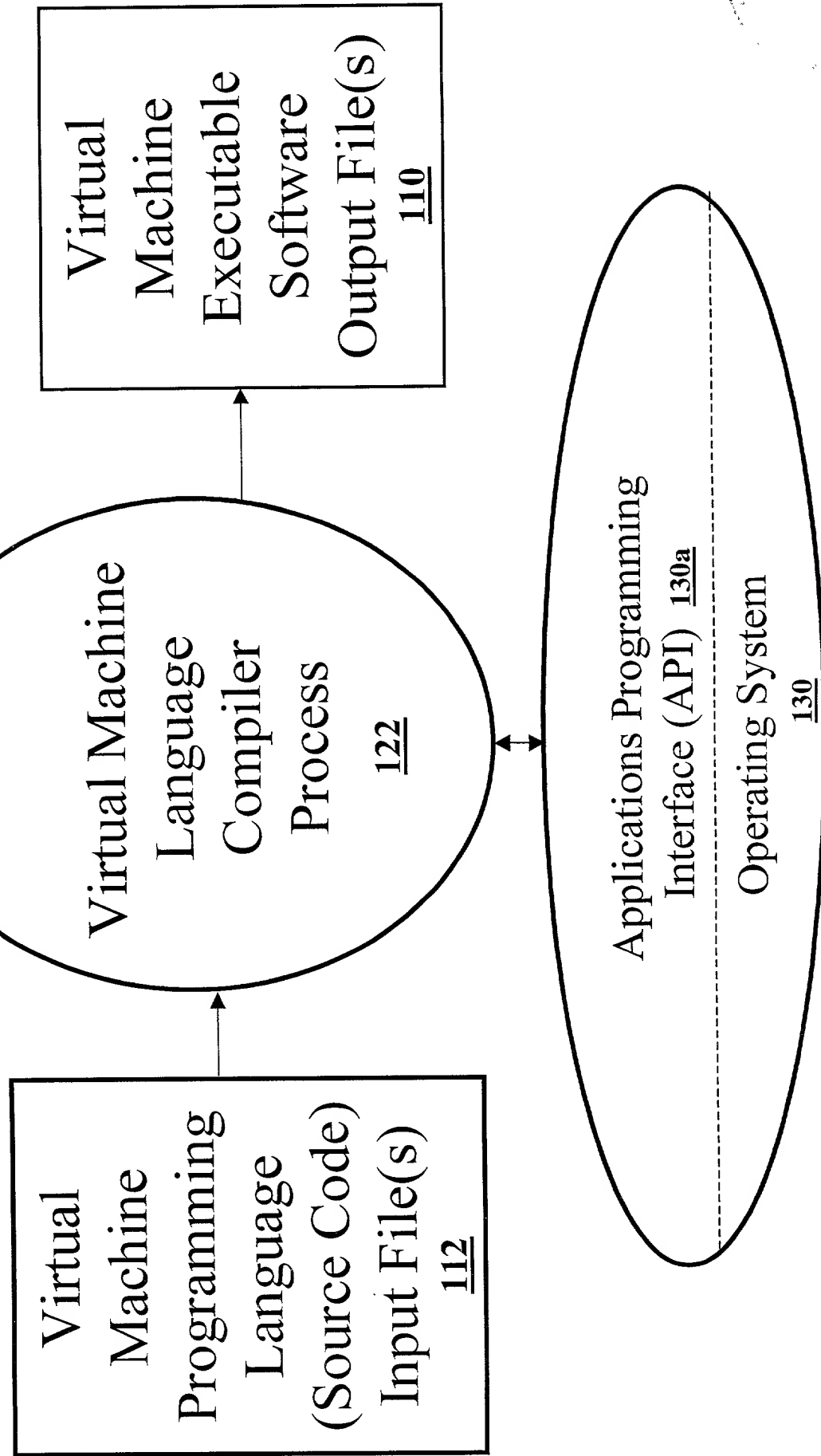


FIG. 1B



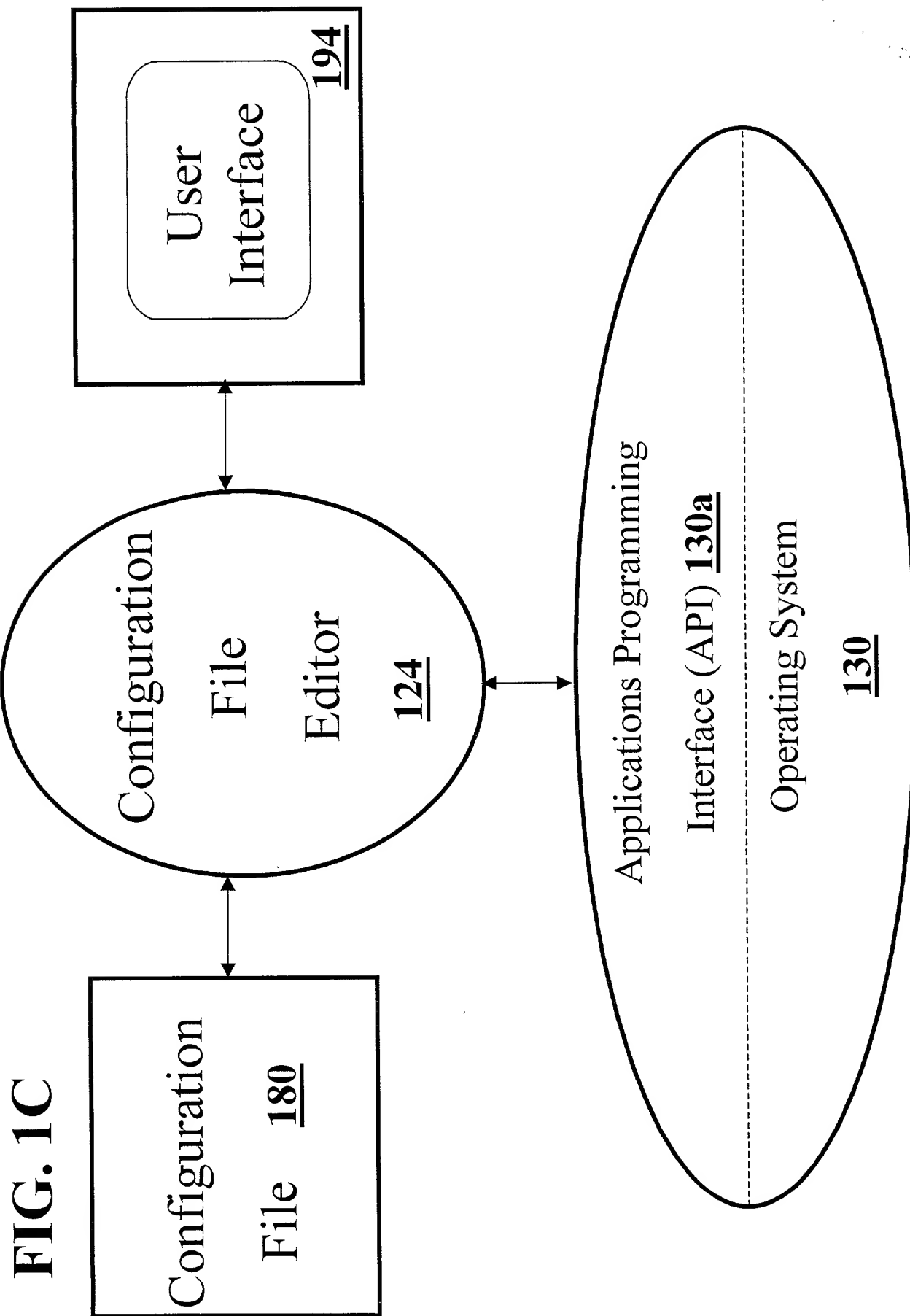


FIG. 2

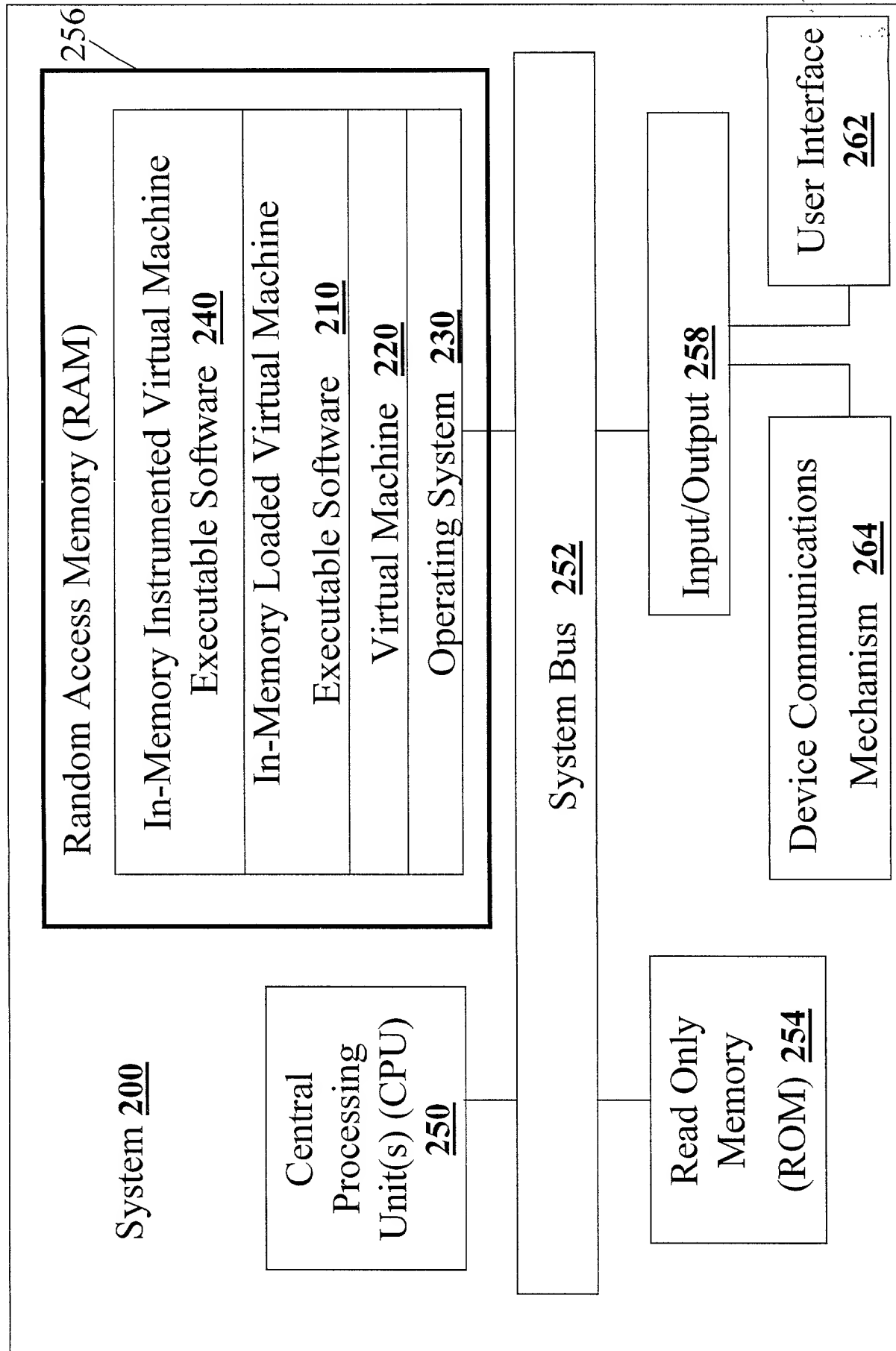


FIG. 3

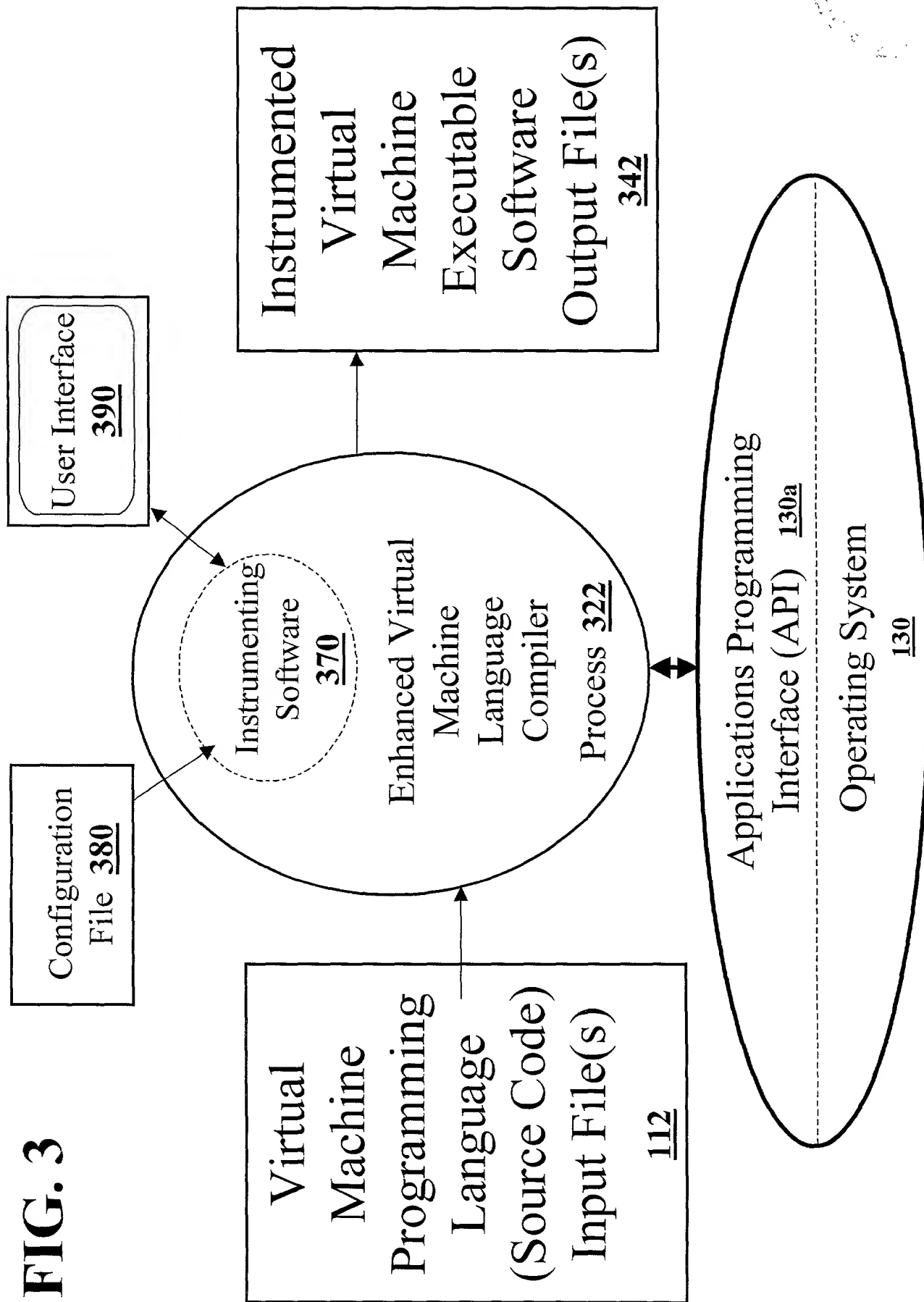


FIG. 4 Class/Object Internal Components

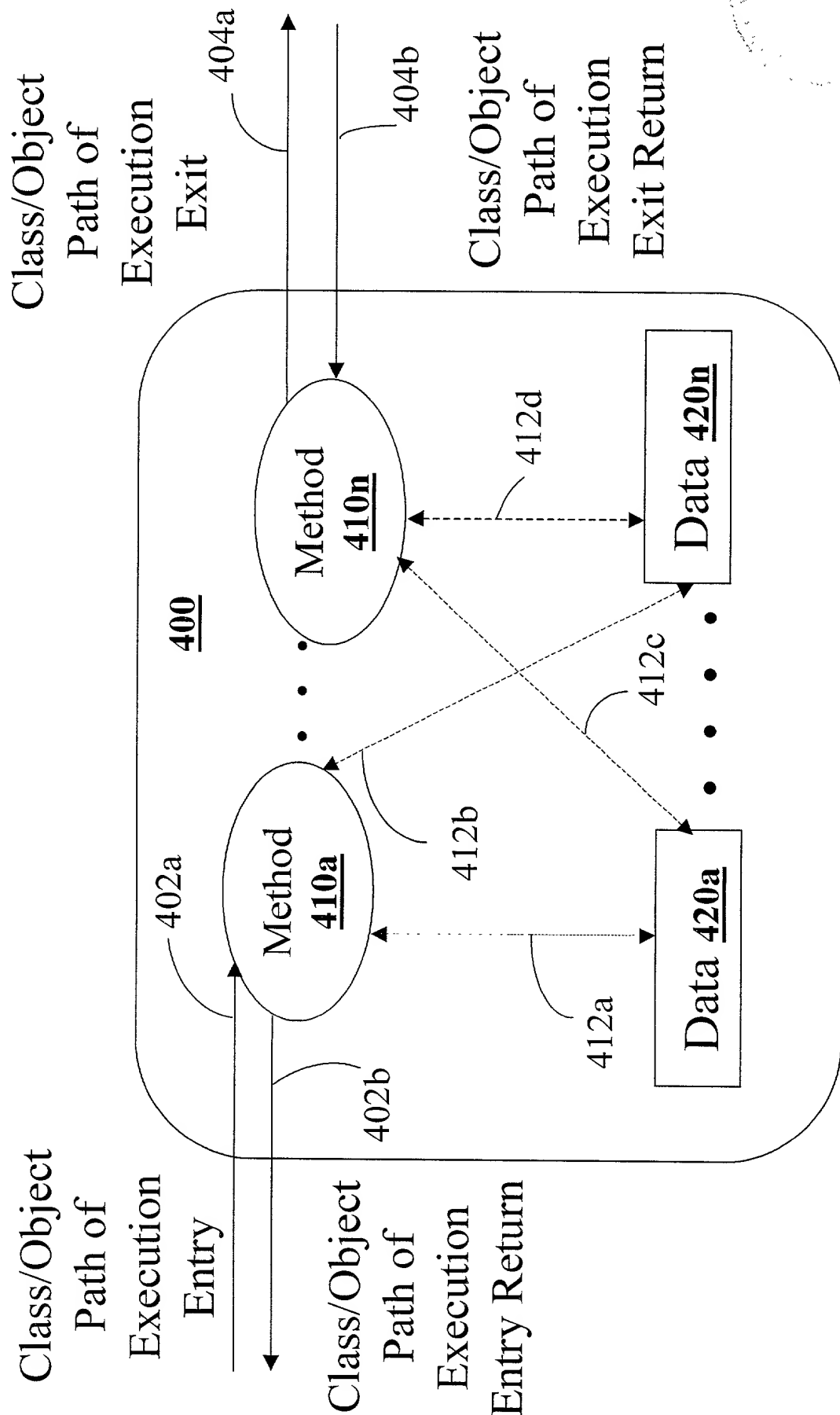


FIG. 5

Parent
Class

Class Inheritance

502a

Class A

Acme 510a
(Defined)

Agua 520a
(Defined)

502b

Class B

Acme 510b
(Inherited)

Agua 520b
(Inherited)

Bravo 512b
(Defined)

Balloon 522b
(Defined)

Child
Class

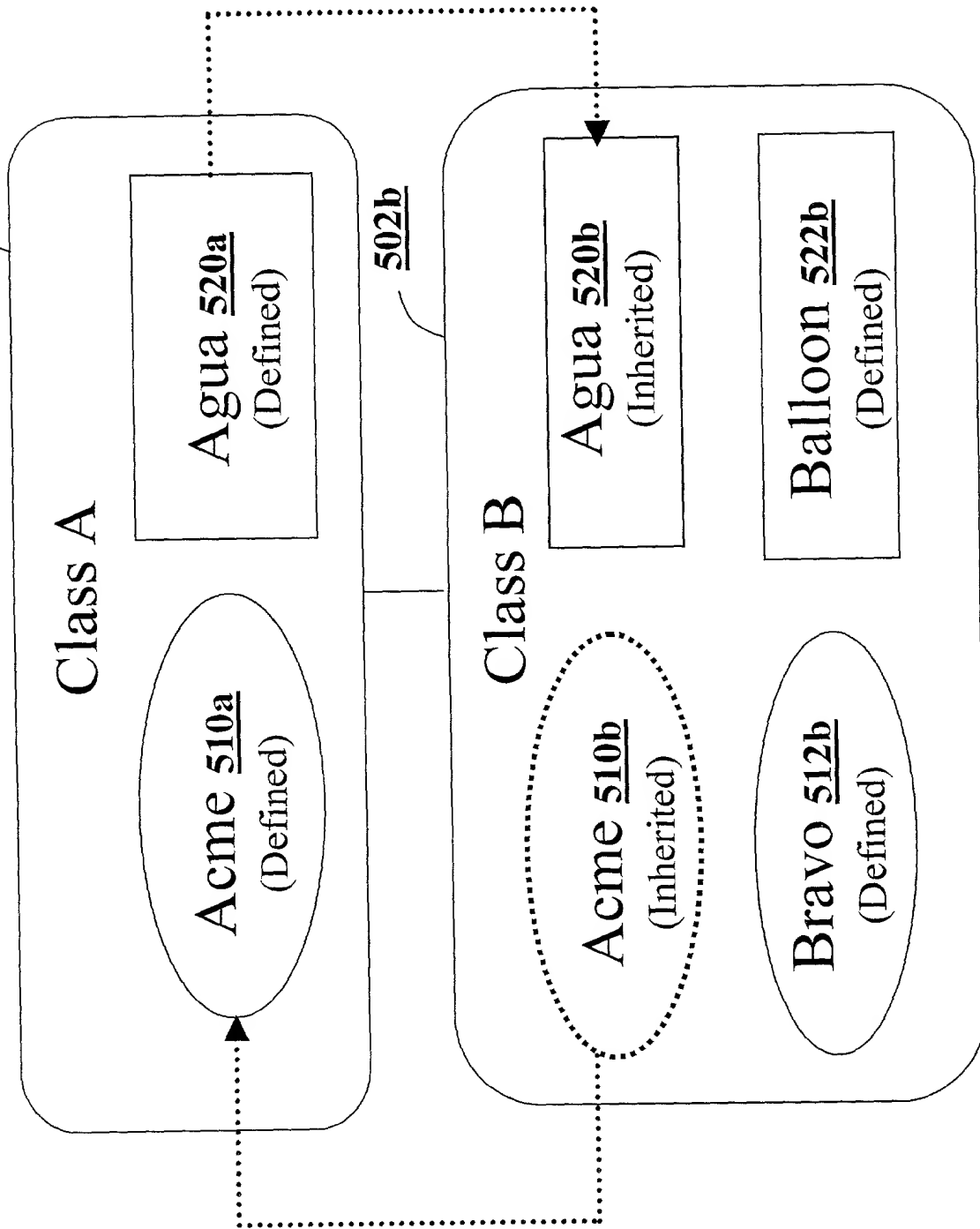


FIG. 6 Fully Inherited Method Invocation

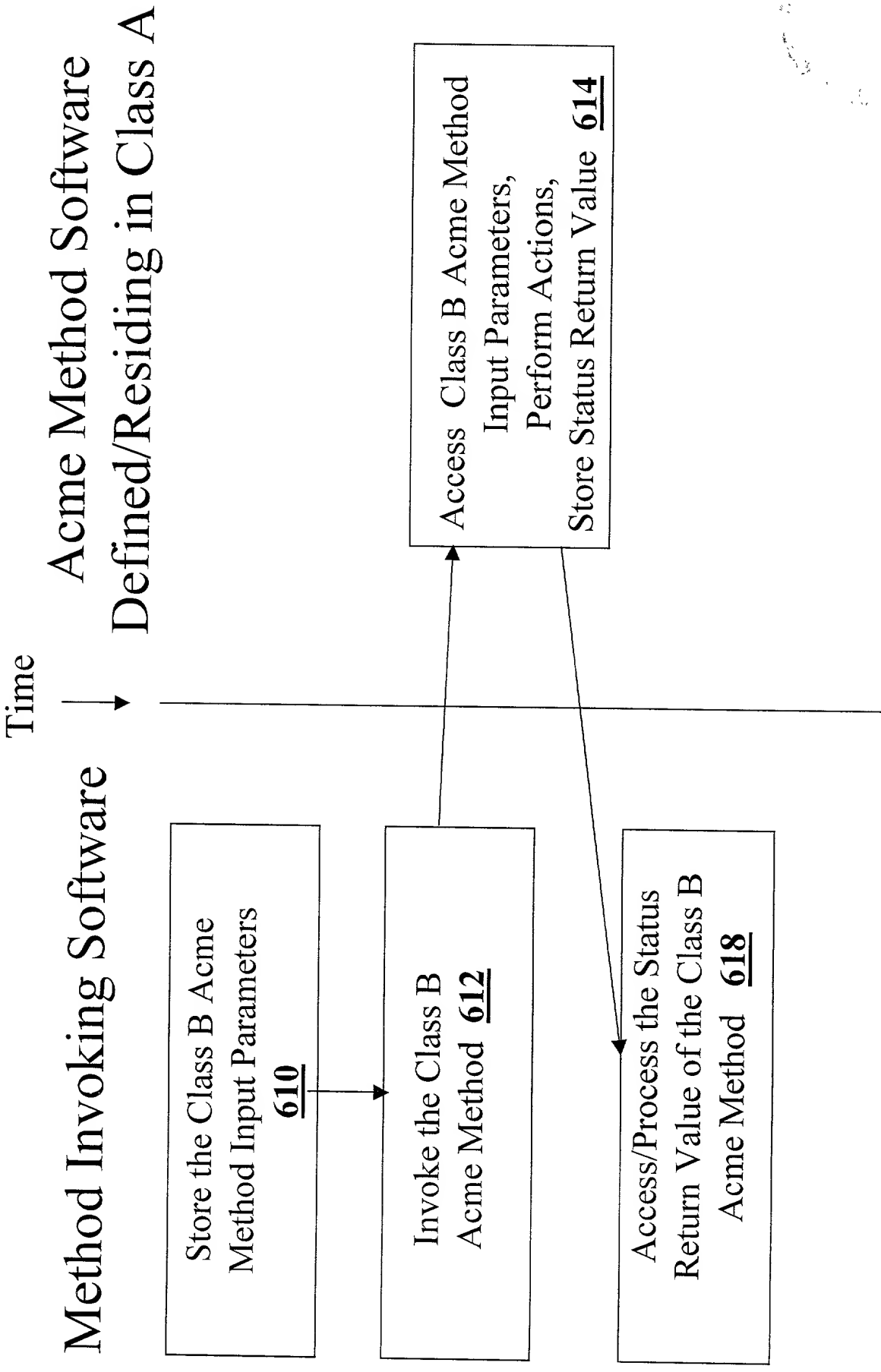


FIG. 7 Fully Overridden Method Invocation

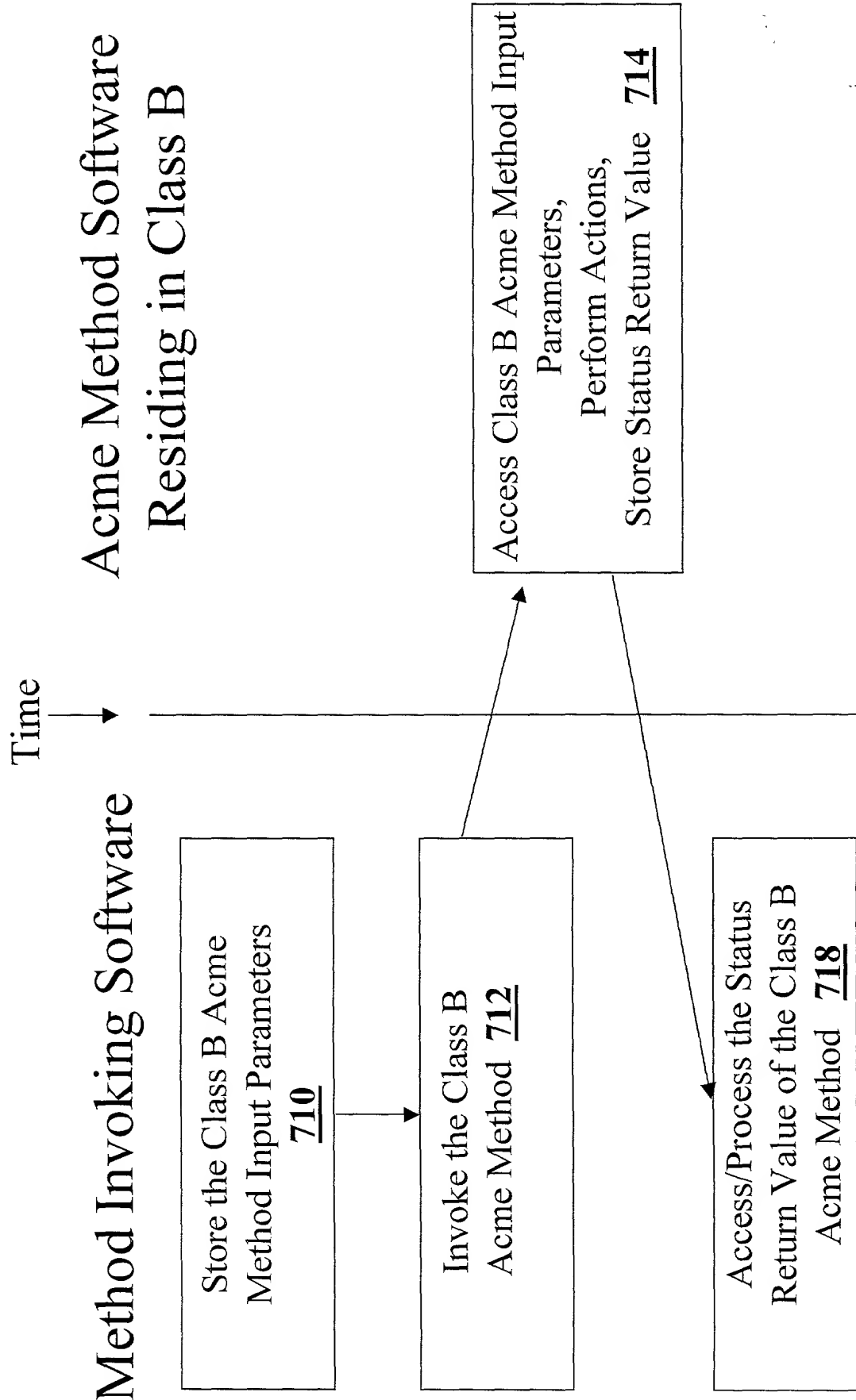


FIG. 8 Partially Overridden Method Invocation

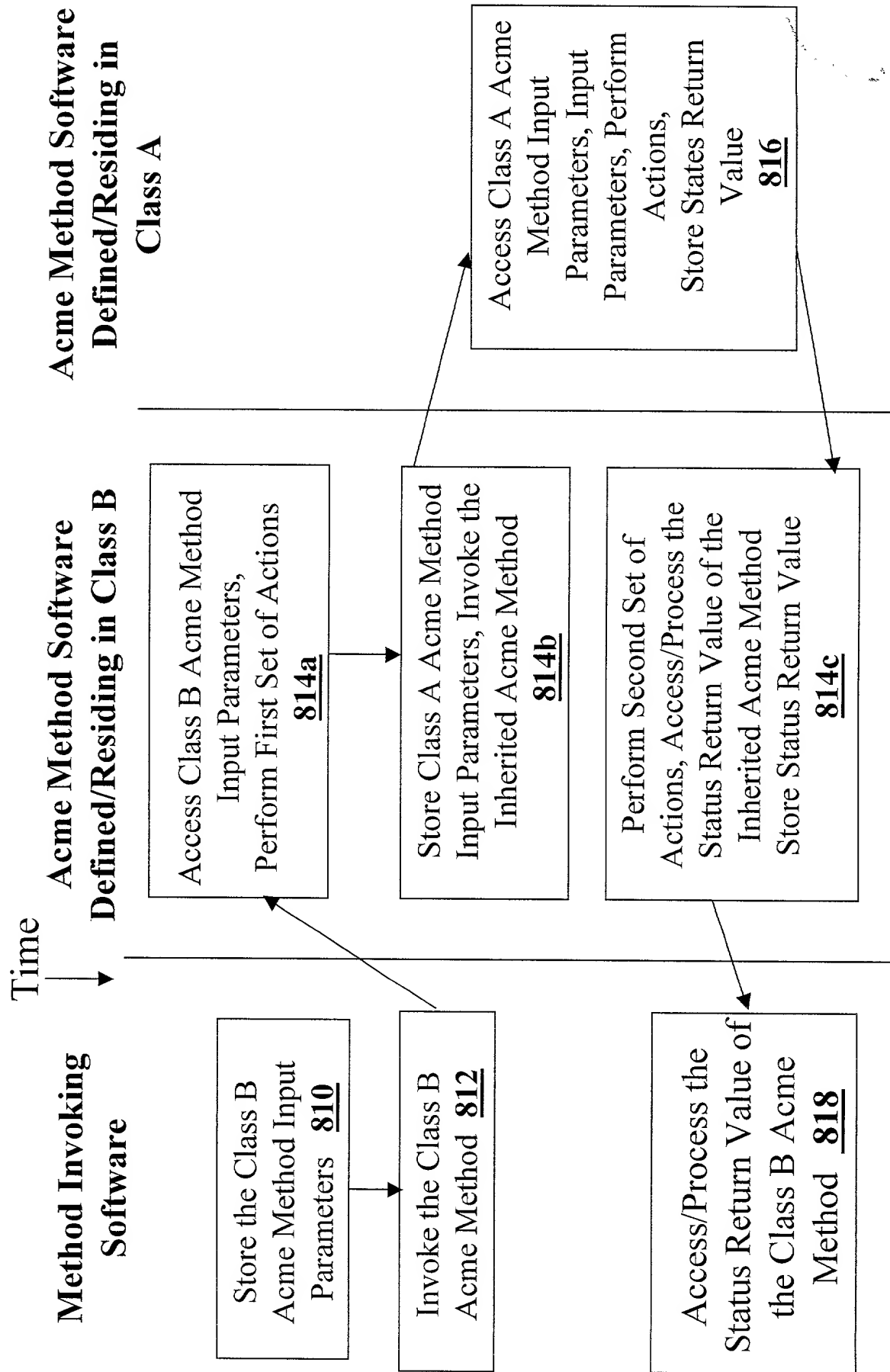


FIG. 9 Class Interceptor Instrumentation

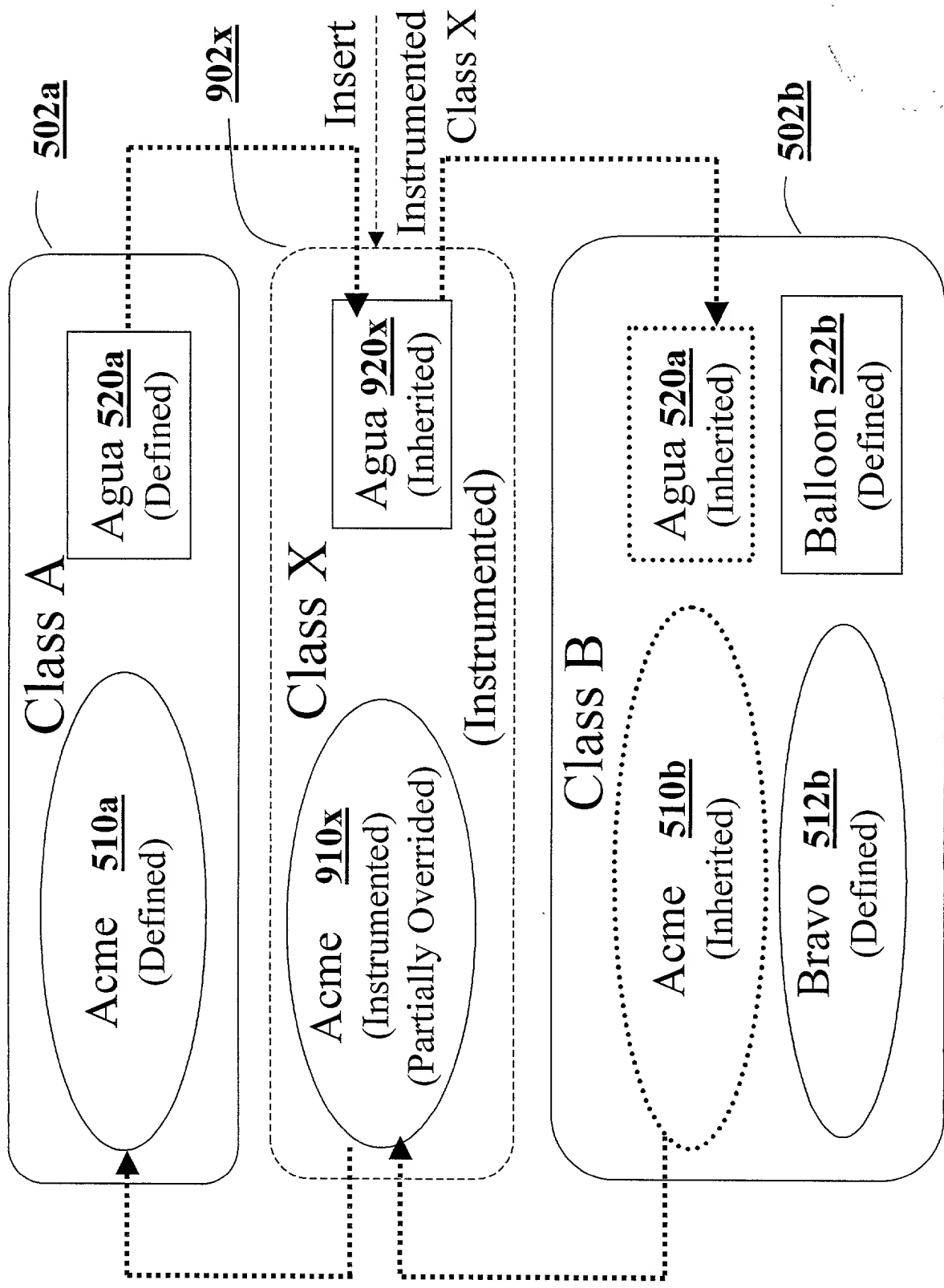


FIG. 10 Class Doppelgänger Instrumentation

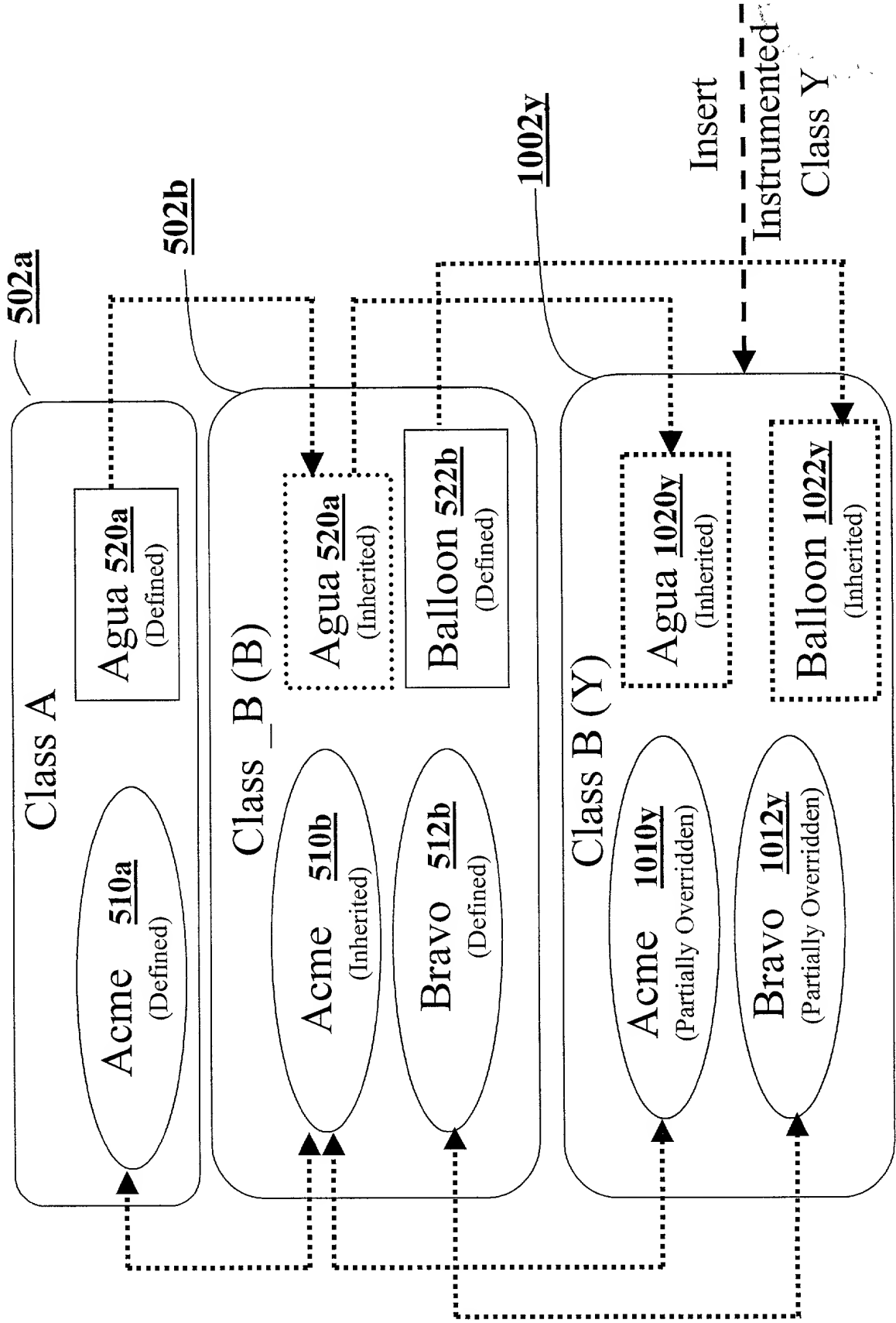
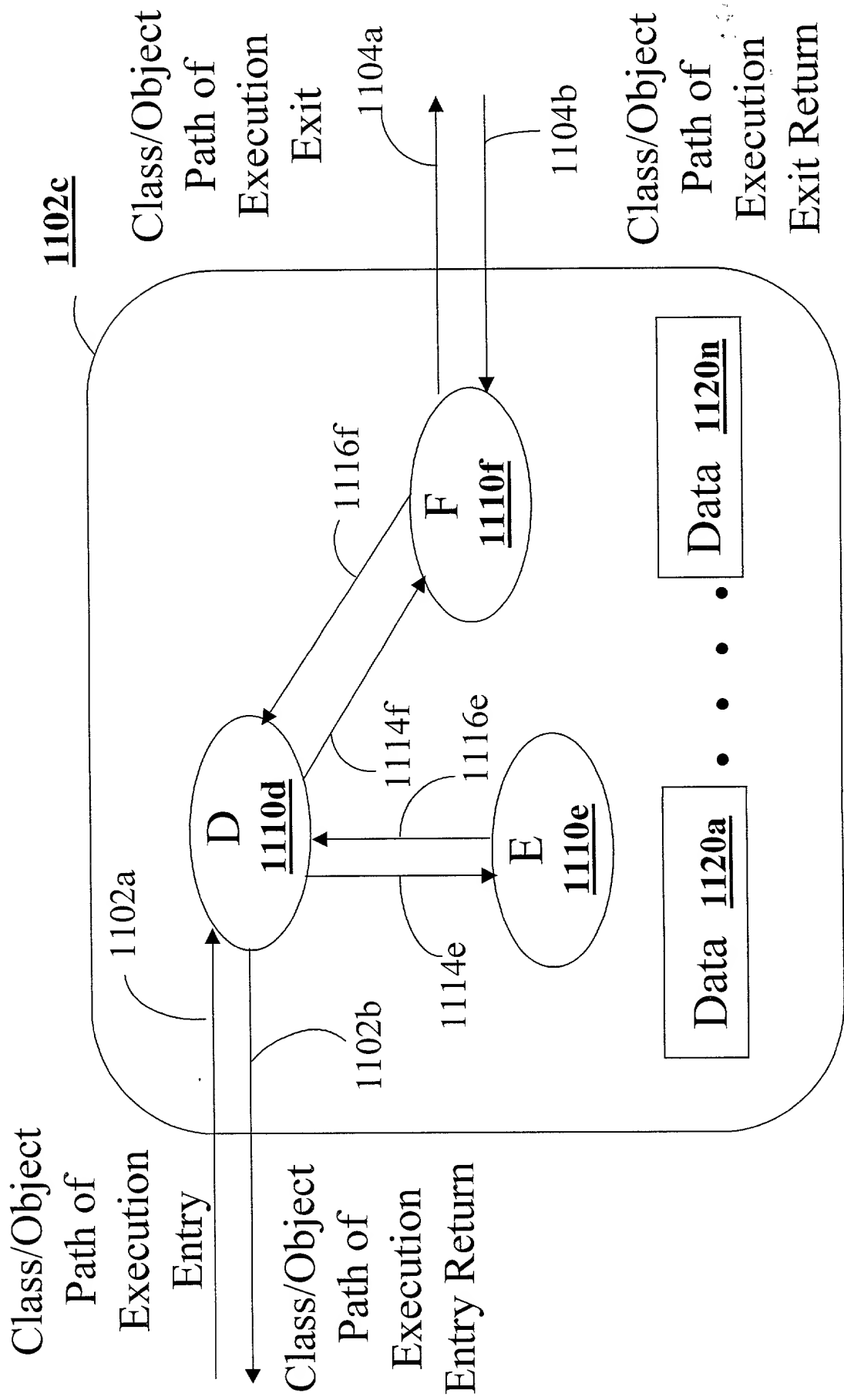


FIG. 11 Class C Internal Components



Method Hijacking Instrumentation Class Z Internal Components

